

SEQUENCE LISTING

5 (1) GENERAL INFORMATION:

(i) APPLICANT: Jagannadha Sastry, et al.

10 (ii) TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR  
ELICITING AN IMMUNE RESPONSE

15 (iii) NUMBER OF SEQUENCES: 7

(iv) CORRESPONDENCE ADDRESS:

20 (A) ADDRESSEE: Arnold, White & Durkee

(B) STREET: P.O. Box 4433

25 (C) CITY: Houston

(D) STATE: Texas

(E) COUNTRY: USA

30 (F) ZIP: 77210

(v) COMPUTER READABLE FORM:

35 (A) MEDIUM TYPE: Floppy disk

(B) COMPUTER: IBM PC compatible

(C) OPERATING SYSTEM: PC-DOS/MS-DOS

(D) SOFTWARE: WordPerfect 5.1

40 (vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: Unknown

45 (B) FILING DATE: September 16, 1992

(C) CLASSIFICATION: Unknown

50 (viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Parker, David L.

(B) REGISTRATION NUMBER: 32,165

(C) REFERENCE/DOCKET NUMBER: UTSC:305/PAR

5 (ix) TELECOMMUNICATION INFORMATION:

10 (A) TELEPHONE: 512-320-7200

15 (B) TELEFAX: 512-474-7577

20 (C) TELEX: Not Applicable

25 (2) INFORMATION FOR SEQ ID NO:1:

30 (i) SEQUENCE CHARACTERISTICS:

35 (A) LENGTH: 15 amino acids

40 (B) TYPE: amino acid

45 (C) STRANDEDNESS: single

50 (D) TOPOLOGY: linear

55 (ii) MOLECULE TYPE: peptide

60 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

65 Arg Ile Gln Arg Gly Pro Gly Arg Ala Phe Val Thr Ile Gly Lys  
1 5 10 15

70 (3) INFORMATION FOR SEQ ID NO:2:

75 (i) SEQUENCE CHARACTERISTICS:

80 (A) LENGTH: 19 amino acids

85 (B) TYPE: amino acid

90 (C) STRANDEDNESS: single

95 (D) TOPOLOGY: linear

100 (ii) MOLECULE TYPE: peptide

105 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

110 Cys Arg Ile Lys Gln Ile Ile Asn Met Trp Gln Gly Val Gly Lys Ala  
1 5 10 15  
115 Met Tyr Ala

5 (4) INFORMATION FOR SEQ ID NO:3:

10 (i) SEQUENCE CHARACTERISTICS:

15 (A) LENGTH: 24 amino acids  
(B) TYPE: amino acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

20 (ii) MOLECULE TYPE: peptide

25 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

Asn Asn Thr Arg Lys Ser Ile Arg Ile Gln Arg Gly Pro Gly Arg Ala  
1 5 10 15  
Phe Val Thr Ile Gly Lys Ile Gly  
20

25 (5) INFORMATION FOR SEQ ID NO:4:

30 (i) SEQUENCE CHARACTERISTICS:

35 (A) LENGTH: 13 amino acids  
(B) TYPE: amino acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

40 (ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:

Glu Gln Leu Trp Val Thr Val Tyr Tyr Gly Val Pro Val  
1 5 10

(6) INFORMATION FOR SEQ ID NO:5:

(i) SEQUENCE CHARACTERISTICS:

- 5 (A) LENGTH: 8 amino acids
- 10 (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- 15 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

15 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:

Arg Ala Phe Val Thr Ile Gly Lys  
1 5

(7) INFORMATION FOR SEQ ID NO:6:

(i) SEQUENCE CHARACTERISTICS:

- 25 (A) LENGTH: 13 amino acids
- 30 (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- 35 (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

35 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:

Thr Lys Gly Pro Gly Arg Val Ile Tyr Ala Thr Gly Gln  
1 5 10

(8) INFORMATION FOR SEQ ID NO:7:

5 (i) SEQUENCE CHARACTERISTICS:

10 (A) LENGTH: 13 amino acids  
(B) TYPE: amino acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

15 (ii) MOLECULE TYPE: peptide

20 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:

His Ile Gly Pro Gly Arg Ala Phe Tyr Thr Thr Lys Asn  
1 5 10